Index of Claims

| Application/Control No. | App | lication/ | Control | No. |
|-------------------------|-----|-----------|---------|-----|
|-------------------------|-----|-----------|---------|-----|

Applicant(s)/Patent under Reexamination

10/505,356

Examiner

JULIEN, GERALD J Art Unit

John D. Walters

3618

Rejected Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| R | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

|           |          |          |            |          |              | -        | J        |   | _         |          |   |             |           |                     |          | _       |          | J                                   | L  | L |
|-----------|----------|----------|------------|----------|--------------|----------|----------|---|-----------|----------|---|-------------|-----------|---------------------|----------|---------|----------|-------------------------------------|--|---|
| Cla       | aim      | Г        |            |          | _            | Date     |          |   |           |          | 1 | Cla         | aim       | Γ.                  |          |         | -        | Date                                |  | - |
|           |          | -        | Π          |          | Γ-           | <u> </u> | Ť        | Ι .   |           | _        | 1 |             |           | $\vdash$            |          |         | T.       |                                     | Ĭ  | Γ |
| ā         | Original | 3/29/06  | 8/29/06    | 10/11/06 |              |          |          |   |           |          |   | <u>a</u>    | Original  |                     |          |         |          |                                     |  | l |
| Final     | Ē        | 139      | 139        | 5        |              |          |          |   |           |          | İ | Final       | īĒ        |                     |          |         |          |                                     |  | l |
| -         | 0        | ຕ        | ∞          | ۲        |              |          |          |   |           |          |   | -           | 0         |                     |          |         |          |                                     |  | l |
| -         | 1        | X        | R          | Х        | _            | <u> </u> |          |   |           |          | 1 |             | 51        | Н                   |          |         |          | -                                   | ┢  | t |
|           | 2        | х        | R          | Х        |              | Т        | _        | ┪   |           |          | 1 |             | 52        | Н                   |          |         |          |                                     | <del>                                     </del> | t |
|           | 3        | x        | R          | х        | T            | $\vdash$ | $\vdash$ | T   |           |          | 1 |             | 53        | Н                   | $\neg$   | _       |          | _                                   | F  | t |
|           | 4        | х        | R          | х        |              | -        | -        | -   |           |          | 1 |             | 54        | Н                   | _        | _       |          | _                                   |  | t |
|           | 5        | X        | R          | x        | $\vdash$     |          | $\vdash$ |   |           |          | 1 |             | 55        | П                   |          |         |          |                                     | 1  | t |
|           | 6        | х        | R          | х        | Г            | Г        |          |   |           |          | 1 |             | 56        | П                   |          |         |          |                                     |  | t |
|           | 7        | X        | R          | x        |              |          |          |   |           |          | 1 |             | 57        | П                   |          |         |          |                                     |  | t |
|           | 8        | X        | R          | х        |              |          |          |   |           |          | 1 |             | 58        | П                   |          |         |          |                                     |  | t |
|           | 9        | Х        | R          | х        |              |          | Г        |   |           |          | 1 |             | 59        | П                   |          |         |          |                                     |  | T |
|           | 10       | х        | R          | X        |              |          |          |   |           |          | 1 |             | 60        | П                   |          |         |          |                                     |  | T |
|           | 11       | Х        | R          | Х        |              |          |          |   |           |          | ] |             | 61        | П                   |          |         |          |                                     |  | Γ |
|           | 12       | Х        | R          | Х        |              |          |          |   |           |          |   |             | 62        |                     |          |         |          |                                     |  | Ī |
|           | 13       |          |            | Х        |              |          |          |   | Ĺ         |          | } |             | 63        |                     |          |         |          |                                     |  | Γ |
|           | 14       |          |            | Х        |              |          |          |   |           |          |   |             | 64        |                     |          |         |          |                                     |  | Ī |
|           | 15       |          |            | Х        |              |          |          |   |           |          |   |             | 65        |                     |          |         |          |                                     |  | Γ |
|           | 16       |          |            |          |              |          |          |   |           |          |   |             | 66        |                     |          |         |          |                                     |  | Γ |
|           | 17       |          |            |          |              |          |          |   |           |          |   |             | 67        |                     |          |         |          |                                     |  | Γ |
|           | 18       |          |            |          |              |          |          |   |           |          |   |             | 68        |                     |          |         |          |                                     |  | Γ |
|           | 19       |          |            |          |              |          |          |   |           |          | ] |             | 69        |                     |          |         |          |                                     |  |   |
|           | 20       |          |            |          |              |          |          |   |           |          |   |             | 70        |                     |          |         |          |                                     |  | Γ |
|           | 21       |          |            |          |              |          |          |   |           |          | ] |             | 71        |                     |          |         |          |                                     |  | Ι |
|           | 22       | <u> </u> |            |          |              |          |          |   |           |          | ] |             | 72        |                     |          |         |          |                                     |  | L |
|           | 23       | L        |            |          |              |          |          |   |           | L        | ] |             | 73        |                     |          |         |          |                                     |  | L |
|           | 24       |          |            |          |              |          |          |   |           |          | ] |             | 74        |                     |          |         |          |                                     |  | I |
|           | 25       |          |            | L        |              |          |          |   | L         |          | ] |             | 75        |                     |          |         |          |                                     |  |   |
|           | 26       |          |            |          |              |          |          |   |           | <u>L</u> |   |             | 76        | Ш                   |          |         |          |                                     | L  | L |
|           | 27       | L        | lacksquare | <u> </u> |              |          |          |   |           |          | 1 |             | 77        | Ш                   |          |         |          | L                                   |  | L |
|           | 28       |          |            | L        |              |          |          |   |           |          |   |             | 78        | Ш                   |          |         |          |                                     | L  | L |
| <u> </u>  | 29       |          |            |          | _            |          |          | L.  |           |          | 1 |             | 79        | Ш                   |          |         |          | <u> </u>                            |  | L |
| L         | 30       |          | <u> </u>   |          | <u>_</u>     |          |          |   |           |          |   |             | 80        | Ш                   |          | _       |          |                                     |  | L |
|           | 31       |          |            | Ш        |              |          |          |   |           | _        |   |             | 81        |                     |          |         |          |                                     |  | L |
|           | 32       |          |            |          |              | _        |          |   |           |          |   |             | 82        | Ш                   | _        |         | _        |                                     |  | L |
|           | 33       | _        | <u> </u>   | L_       | <u>_</u>     | Ш        |          | $ldsymbol{ld}}}}}}$ |           | L.       |   |             | 83        | Ц                   |          |         |          |                                     |  | L |
|           | 34       | L        | Щ          | L.       | <u> </u>     | L        | L.,      | <u> </u>  | $\square$ |          |   | <u> </u>    | 84        | Щ                   | _        | _       |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L_   | L |
| <b> </b>  | 35       | <u> </u> | L          | ļ        | <u> </u>     | L_       | $\vdash$ | $ldsymbol{f eta}$   |           | <u> </u> |   |             | 85        | Щ                   | _        | <u></u> | <u> </u> | L_                                  | <u> </u>   | L |
| $\square$ | 36       | _        | Ш          |          | ├_           | <u> </u> | <u> </u> | L   | Ш         | <u> </u> |   |             | 86        | $\sqcup$            |          |         | <u> </u> | <u>L</u>                            |  | L |
| $\vdash$  | 37       |          | $\sqcup$   | ļ        | <u> </u>     | <u> </u> | Щ.       | $\sqcup$  | Ш         | _        |   | <u> </u>    | 87        | Щ                   | _        | _       | _        | <u> </u>                            | <u> </u>   | 1 |
|           | 38       |          | Ш          | $\vdash$ | <b>I</b> —   | $\vdash$ | <u> </u> | L_  | <u> </u>  | <u> </u> |   | ļ           | 88        | Щ                   | _        | _       | _        | L                                   | <u> </u>   | ļ |
| $\vdash$  | 39       |          | Ш          | L        | ļ            | $\vdash$ |          | L.  | _         | <u> </u> |   |             | 89        | Ш                   | _        |         | <u> </u> |                                     | <u> </u>   | Ļ |
|           | 40       |          | Ш          | $\vdash$ | <u> </u>     | $\vdash$ | <u> </u> |   | $\vdash$  | <u> </u> |   | <u> </u>    | 90        | Н                   | _        |         | L.,      | Щ.                                  | <u> </u>   | L |
|           | 41       |          | $\vdash$   | <u> </u> | <u> </u>     | <u> </u> | $\vdash$ | _   | $\vdash$  | <u> </u> |   | <u> </u>    | 91        | Ш                   | _        |         | <u> </u> | <u> </u>                            | <b> </b>   | ļ |
| -         | 42       |          | Щ          | $\vdash$ | $\vdash$     | $\vdash$ |          | $\vdash$  | <u> </u>  | <u> </u> |   | <b></b>     | 92        | $\vdash \vdash$     | 4        |         | <u> </u> | ļ                                   | <u> </u>   | L |
| <b>  </b> | 43       |          | <u> </u>   | <u> </u> | <del> </del> | $\vdash$ | _        | <u> </u>  | $\vdash$  | <u> </u> |   | <u> </u>    | 93        | $\vdash \vdash$     | _        |         | $\vdash$ | <u> </u>                            | $\vdash$   | Ļ |
| <b> </b>  | 44       |          | H          | $\vdash$ | ⊢            | $\vdash$ |          | H   | <u> </u>  | <u> </u> |   | <b> </b>    | 94        | $\vdash \vdash$     |          |         | <u> </u> | $\vdash$                            | <u> </u>   | ŀ |
| -         | 45       |          | <u> </u>   | <u> </u> | ├            | <u> </u> | $\vdash$ | $\vdash$  | <u> </u>  | <u> </u> |   | <u> </u>    | 95        | $\vdash \vdash$     |          |         | ļ        | <u> </u>                            | <u> </u>   | L |
|           | 46       | L        | $\vdash$   | -        | ⊢            | <b>-</b> | -        | $\vdash$  | $\vdash$  | <u> </u> |   |             | 96        | Н                   |          |         | <u> </u> | <b>!</b>                            | <u> </u>   | ŀ |
|           | 47       |          | $\vdash$   | $\vdash$ | ├            |          | _        | -   |           | -        |   | ļ           | 97        | Н                   | _        |         | <u> </u> | <u> </u>                            | $\vdash$   | ŀ |
| -         | 48       |          | $\vdash$   | <u> </u> | $\vdash$     | $\vdash$ |          | $\vdash$  | $\vdash$  | <u> </u> |   |             | 98        | $\vdash \downarrow$ | 4        |         | <u> </u> | <u> </u>                            | <u> </u>   | ŀ |
|           | 49       |          | $\vdash$   | $\vdash$ |              | $\vdash$ | -        | -   | <b> </b>  | $\vdash$ |   | <u> </u>    | 99<br>100 | Н                   | $\dashv$ |         | $\vdash$ | <u> </u>                            | <u> </u>   | ŀ |
| $\Box$    | 50       | L        |            | Ц_       | <u> </u>     | Щ.       |          | L.,   | L         | L        | J | لـــــــــا | 100       |                     |          |         |          | L                                   | L_   | L |

| Cla         | aim                  | Date     |              |              |          |          |                                     |          |          |              |  |  |  |
|-------------|----------------------|----------|--------------|--------------|----------|----------|-------------------------------------|----------|----------|--------------|--|--|--|
|             |                      |          |              |              |          |          | <u> </u>                            |          |          |              |  |  |  |
| Final       | Original             |          |              |              |          |          |                                     |          |          |              |  |  |  |
| <u> </u>    | 51                   |          |              |              | -        |          | $\vdash$                            | T        |          |              |  |  |  |
|             | 52<br>53             |          |              |              |          |          |                                     | Г        |          | Г            |  |  |  |
|             | 53                   |          |              |              |          |          |                                     |          |          |              |  |  |  |
|             | 54                   |          |              |              |          |          |                                     |          |          |              |  |  |  |
|             | 55                   |          |              |              |          |          |                                     |          |          |              |  |  |  |
|             | 56                   |          | <u> </u>     |              |          | L        | <u> </u>                            | L        | _        |              |  |  |  |
|             | 57                   |          | <u> </u>     |              | _        | _        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u> | <u> </u> |              |  |  |  |
| <u></u>     | 58                   | <u> </u> | ļ            | <u> </u>     | _        | L        |                                     | _        | <u> </u> |              |  |  |  |
| <u> </u>    | 59                   | <u> </u> | <u> </u>     | ╙            | <u> </u> |          | <u> </u>                            | _        | <u> </u> |              |  |  |  |
| ļ           | 60                   | <u> </u> | <u> </u>     | _            | _        | H        |                                     | _        | ļ        |              |  |  |  |
|             | 61                   | ⊢        | <u> </u>     |              | _        | L        | -                                   | -        | <u> </u> |              |  |  |  |
| <u> </u>    | 62                   | -        | ┝            | $\vdash$     | H        | H        | _                                   | -        | ┝        | _            |  |  |  |
| -           | 63<br>64             | ├        | ⊢            | <u> </u>     |          | -        | _                                   | ├        | -        | -            |  |  |  |
|             | 65                   | ⊢        | ├            |              | ┝        | $\vdash$ |                                     |          |          | -            |  |  |  |
| <del></del> | 66                   |          | ⊢            | $\vdash$     | ⊢        | $\vdash$ |                                     | ├—       | ├-       | ⊢            |  |  |  |
|             | 66<br>67             | ├─       |              | ┢            | -        | ┢        | <del> </del>                        | ┝        | _        | $\vdash$     |  |  |  |
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|             | 69                   | ┝        |              | ⊢            | ⊢        | $\vdash$ | -                                   | -        | ┢        | $\vdash$     |  |  |  |
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|             | 76<br>77             |          |              |              |          |          |                                     |          | Г        |              |  |  |  |
|             | 77                   |          |              |              |          |          |                                     |          |          |              |  |  |  |
|             | 78                   |          |              |              |          |          |                                     |          |          |              |  |  |  |
|             | 79                   |          |              |              |          |          |                                     |          |          |              |  |  |  |
|             | 80                   | L        |              | L            |          |          |                                     |          |          | <u> </u>     |  |  |  |
|             | 81                   | <u> </u> | _            | ╙            |          |          |                                     |          | L        | <u> </u>     |  |  |  |
|             | 82                   |          | _            | _            |          |          |                                     | ļ        | L_       | <u> </u>     |  |  |  |
| <u> </u>    | 83                   |          |              | <u> </u>     |          |          |                                     |          | ļ        | _            |  |  |  |
|             | 84                   | _        |              | <u> </u>     |          |          |                                     | _        | <u> </u> | <u> </u>     |  |  |  |
| ļ           | 85                   | _        |              | <u> </u>     | _        | _        |                                     | ļ        | ļ        | <u> </u>     |  |  |  |
| $\vdash$    | 86                   | -        |              |              | <u> </u> | -        |                                     | <u> </u> | <u> </u> | _            |  |  |  |
| <u> </u>    | 87<br>88             | $\vdash$ | <u> </u>     | $\vdash$     | -        | H        |                                     | $\vdash$ | -        | -            |  |  |  |
|             | 89                   | $\vdash$ | _            | <del> </del> | $\vdash$ | $\vdash$ | -                                   | $\vdash$ | ⊢        | $\vdash$     |  |  |  |
| <u> </u>    | 90                   | H        | -            | -            | -        | -        | —                                   | -        | -        | $\vdash$     |  |  |  |
| <b></b>     | 91                   | H        | -            | ⊢            | H        | H        | -                                   | -        | Ι—       | $\vdash$     |  |  |  |
| $\vdash$    | 92                   | H        | _            |              | -        |          | -                                   | -        | -        | -            |  |  |  |
| -           | 93                   | H        |              |              | H        | -        | $\vdash$                            | ┢        | $\vdash$ | ┢            |  |  |  |
|             | 94                   |          | -            | H            | H        | H        | $\vdash$                            |          |          | $\vdash$     |  |  |  |
|             | 95                   | Н        | _            | _            | $\vdash$ | $\vdash$ | _                                   | $\vdash$ | Н        | Н            |  |  |  |
|             | 96                   |          |              | <u> </u>     | -        |          | _                                   | $\vdash$ |          | Г            |  |  |  |
|             | 97                   | П        |              | $\vdash$     | ┢        | Н        | Т                                   | <u> </u> | <u> </u> | Т            |  |  |  |
|             | 98                   |          |              |              |          |          |                                     |          |          |              |  |  |  |
|             | 99                   |          |              |              |          |          |                                     |          |          |              |  |  |  |
|             | 100                  |          |              |              |          |          | П                                   |          |          |              |  |  |  |

| Claim |                   | Date     |          |              |               |           |  |              |   |          |  |  |
|-------|-------------------|----------|----------|--------------|---------------|-----------|--|--------------|---|----------|--|--|
| Final | Original          |          |          |              |               |           |  |              |   |          |  |  |
| _     | 101               |          |          |              |               |           |  |              |   |          |  |  |
|       | 102               |          | _        | _            | <u> </u>      | _         | _  | ┕            |   | Щ        |  |  |
|       | 103               |          |          | <u> </u>     | <u> </u>      |           | _  |              |   | Ш        |  |  |
|       | 104               | _        | _        | _            | L             | _         |  | _            | _   | Щ        |  |  |
|       | 105               |          |          | _            | <u>_</u>      |           |  |              | <u></u>   |          |  |  |
| _     | 106               |          | _        | _            | L             | L         |  |              |   |          |  |  |
|       | 107<br>108        |          |          | <u> </u>     | <u> </u>      | L         | _  | _            |   | Ш        |  |  |
|       | 108               |          |          | <u> </u>     | <u> </u>      | _         | _  | _            |   | Ш        |  |  |
|       | 109               |          | _        | _            | _             | _         | <u> </u>   |              |   | Щ        |  |  |
|       | 110               | _        |          | _            | <u> </u>      | _         | <u> </u>   |              |   | Щ        |  |  |
|       | 111               |          | _        | _            | <u> </u>      | _         | <u> </u>   |              |   | Щ        |  |  |
|       | 112<br>113        | <u> </u> | <u> </u> | -            | ⊢             | $\vdash$  | ⊢  | ┝            | <u> </u>  | Н        |  |  |
|       | 114               | <u> </u> | $\vdash$ | -            | $\vdash$      | $\vdash$  | <del>                                     </del> | $\vdash$     | <del> </del>  | Н        |  |  |
|       | 114               | _        | H        | ├            | <u> </u>      | $\vdash$  | $\vdash$   | $\vdash$     | ├   | Н        |  |  |
|       | 115<br>116        | $\vdash$ | <u> </u> |              | <b> </b>      | $\vdash$  |  | ├—           | $\vdash$  | Н        |  |  |
|       | 117               | -        | ├-       |              |               | H         | $\vdash$   | ├-           | ├   | Н        |  |  |
|       | 110               | <u> </u> | $\vdash$ |              | <u> </u>      | $\vdash$  | $\vdash$   | <del> </del> | ├   | Н        |  |  |
|       | 118<br>119        |          | -        | -            | -             |           | ┝  | -            | -   | Н        |  |  |
|       | 120               |          | $\vdash$ | $\vdash$     | -             | _         | ┝  | ⊢            | ⊢   | Н        |  |  |
|       | 121               |          | H        | ┝            | _             | H         | -  | $\vdash$     | $\vdash$  | $\vdash$ |  |  |
|       | 121<br>122        |          | -        |              | _             | Η-        | -  | <del> </del> | ⊢   | Н        |  |  |
|       | 122               |          | _        | -            | -             | $\vdash$  | ├  | ├            | $\vdash$  | Н        |  |  |
|       | 123<br>124        | _        | -        | ┝            |               | $\vdash$  | ├  | ┝            | $\vdash$  | Н        |  |  |
|       | 125               |          | -        |              | _             | -         |  | $\vdash$     | -   | Н        |  |  |
|       | 126<br>127<br>128 |          |          | $\vdash$     | _             |           |  | Г            | $\vdash$  | H        |  |  |
|       | 127               |          |          | $\vdash$     | $\overline{}$ | _         |  | $\vdash$     | $\vdash$  | Н        |  |  |
|       | 128               |          |          |              |               |           |  |              | _   | М        |  |  |
|       | 129               |          |          |              |               |           |  |              |   | П        |  |  |
|       | 129<br>130        |          |          |              |               |           |  |              |   | П        |  |  |
|       | 131               |          |          |              |               |           |  |              |   |          |  |  |
|       | 132               |          |          |              |               |           |  |              | Г   | П        |  |  |
|       | 132<br>133        |          |          |              |               |           |  |              |   |          |  |  |
|       | 134<br>135        |          |          |              |               |           |  |              |   | $\Box$   |  |  |
|       | 135               |          |          |              |               |           |  |              |   |          |  |  |
|       | 136               |          |          |              |               |           |  |              |   |          |  |  |
|       | 137<br>138        |          |          | $\Box$       |               |           |  |              |   |          |  |  |
|       | 138               |          |          | L_           |               |           |  |              |   |          |  |  |
|       | 139               |          |          | $oxed{oxed}$ | _             |           |  |              |   |          |  |  |
|       | 140               |          | Щ.       | $oxed{\Box}$ |               | Ш         | _  | L_           | $ldsymbol{le}}}}}}$ | Щ        |  |  |
|       | 141               |          | Ш        |              | L.,           | Ш         | L.   | L            | <u> </u>  | Ш        |  |  |
|       | 142               |          | <u> </u> | <u> </u>     | <u> </u>      | Ш         | $\vdash$   | _            | <u> </u>  | Ц        |  |  |
|       | 143               |          |          | _            |               |           | _  | $\vdash$     | <u> </u>  | $\vdash$ |  |  |
|       | 144               |          | Ш        | <u> </u>     | ļ             | Щ         | <u> </u>   | Щ            | <u> </u>  | Щ        |  |  |
|       | 145               |          | $\vdash$ | <u> </u>     | <u> </u>      | <u> </u>  | L  | <u> </u>     | $\vdash$  | Щ        |  |  |
|       | 146               | _        | $\vdash$ | <u> </u>     | <u> </u>      | <u> </u>  | _  | <u> </u>     | $\vdash$  | Ш        |  |  |
|       | 147               |          |          | <u> </u>     | <u> </u>      |           | <u> </u>   | <u> </u>     | <u> </u>  | Ш        |  |  |
|       | 148               |          | $\vdash$ | <u> </u>     | <u> </u>      | $\square$ | _  | $\vdash$     | <u> </u>  | Ц        |  |  |
|       | 149               |          | $\vdash$ | $\vdash$     | <u> </u>      | Ш         | $\vdash$   | $\vdash$     | <u> </u>  | Н        |  |  |
|       | 150               |          |          | L_           |               | Ш         | Щ  | L            | L   | لــا     |  |  |